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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/701,242	02/01/2001	Fumio Nagasaka	107926	7319

25944 7590 08/11/2003

OLIFF & BERRIDGE, PLC  
P.O. BOX 19928  
ALEXANDRIA, VA 22320

EXAMINER

PATEL, HARESH N

ART UNIT	PAPER NUMBER
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2126

DATE MAILED: 08/11/2003

\*10  
Remand

Please find below and/or attached an Office communication concerning this application or proceeding.



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09/701,242	02/01/2001	Fumio Nagasaka	107926	7319

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**Office Action Summary**

Application No.

09/701,242

Applicant(s)

NAGASAKA ET AL.

Examiner

Haresh Patel

Art Unit

2126

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 February 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 9.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

Art Unit: 2126

## **DETAILED ACTION**

1. Claims 1-14 are presented for examination.

### ***Priority***

Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No. H-1191196, filed on 03/31/1999.

### ***Specification***

2. The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

### **Arrangement of the Specification**

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC (See 37 CFR 1.52(e)(5) and MPEP 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables

Art Unit: 2126

having more than 50 pages of text are permitted to be submitted on compact discs.) or

REFERENCE TO A "MICROFICHE APPENDIX" (See MPEP § 608.05(a). "Microfiche Appendices" were accepted by the Office until March 1, 2001.)

(e) BACKGROUND OF THE INVENTION.

(1) Field of the Invention.

(2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.

(f) BRIEF SUMMARY OF THE INVENTION.

(g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).

(h) DETAILED DESCRIPTION OF THE INVENTION.

(i) CLAIM OR CLAIMS (commencing on a separate sheet).

(j) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).

(k) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

The disclosure is objected to because of the following informalities:

- i. Cross-reference for the claimed foreign priority is missing.

Appropriate correction is required.

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

The following title is suggested: "Method and System to retrieve a predetermined mapped device for an individual from the network containing plurality of devices".

***Drawings***

4. Figure 1 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). A proposed drawing correction or corrected drawings

Art Unit: 2126

are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Jeffrey et al. 6,552,813 (Hereinafter Yacoub).

7. As per claims 1-3 and 6-11, Yacoub teaches the following:

a device retrieving apparatus that retrieves a device mapped to a desired person among a plurality of devices present on a network (e.g., a virtual printer receives preferences from a user regarding the print job and it automatically determines which printer of the printers on the network comply with the print job preferences, col. 2, lines 8-22) and displaying a result of retrieval on a screen of a display unit (e.g., when the print job is complete, the user will be notified of the physical location of the printer where the print job was processed, abstract),

Art Unit: 2126

a computer readable recording medium in which a specific computer program is recorded, said specific computer program being used to retrieve a device mapped to a desired person among a plurality of devices present on a network and display a result of retrieval on a screen of a display unit connecting with a computer,

said device retrieving apparatus comprising:

a display unit having a screen (e.g., display of the user's computer, col. 2, line 64);

an input unit that is used to externally input an instruction (e.g., a user sends a print job to a printer, col. 2, lines 49-50); and

a control unit (e.g., client station, figure 5),

said control unit, when an individual description of the desired person is externally input as a specific individual description via said input unit (e.g., preferences from a user regarding the print job such as image quality, col. 2, lines 8-15, and an individual user profile containing what types of print jobs the user is most likely to request is stored in the database of the server, col. 7, lines 9-37), gaining access to a database that is present on the network (e.g., a server connected to the network capable of spooling the print job from the client, col.2, lines 22-28) or in said device retrieving apparatus (e.g., virtual printer, col.2, line 8), obtaining a device description mapped to the input specific individual description out of mapping information (e.g., server store and update databases cataloging the capability of printers on the network and keep the status of printers on the network, col. 2, lines 22-28) , which is stored in said database and regards mapping of a plurality of individual descriptions to device descriptions expressing said plurality of devices present on the network (e.g., server store and update databases cataloging the

Art Unit: 2126

capability of printers on the network and keep the status of printers on the network, col. 2, lines 22-28) and causing at least one of the obtained device description and a device symbol representing a device expressed by the obtained device description to be displayed on the screen of said display unit (e.g., server confirm a mapping of the physical locations of all printers and/or clients on the network, col. 2, lines 27-28, and a user interface of client station, figure 5),

when an instruction is given externally via said input unit to map a desired first device symbol among the device symbols displayed on the screen to a specific individual symbol corresponding to the desired person (e.g., a command menu or graphical user interface (GUI) menu will pop up on the user's display screen as a dialog so that the user can select the parameters of his print job such as speed, quality and either color or black and white, col. 6, lines 46-60), specifying an individual description of the desired person corresponding to the mapped individual symbol as a specific individual description (e.g., the user can select the parameters of his print job such as speed, quality and either color or black and white, col. 6, lines 46-60), specifying an individual description of the desired person (e.g. the user can select the parameters of his print job such as speed, quality and either color or black and white, col. 6, lines 46- 60);

selecting a specific individual symbol corresponding to the desired person among the individual symbols displayed (the user can select the parameters of his print job such as speed, quality and either color or black and white, col. 6, lines 46- 60),

obtaining a device description mapped to the input individual description out of mapping information (e.g., server have a map of all available printers along with the status of each printer, such as busy or paper out which can be updated in a timely manner, col. 6, lines 65-67), which is

Art Unit: 2126

provided in advance and regards mapping of a plurality of individual descriptions to device descriptions expressing said plurality of devices present on the network (e.g., server provide information on printers, such as busy or paper out which is updated in a timely manner, col. 6, lines 65-67 ),

causing at least one of the obtained device description and a device symbol representing a device expressed by the obtained device description to be displayed on the screen of said display unit (e.g., server continuously checking a print error message back from the user mentioned printer and providing the status on it to the user, col. 7, lines 9-37),

causing individual symbols corresponding to individuals to be displayed on the screen of said display unit (e.g., selection and display of the user preferences, col. 7, lines 9-37),

when an instruction is given externally to the computer to select a specific individual symbol corresponding to the desired person among the individual symbols displayed on the screen (e.g., selection and display of the user preferences, col. 7, lines 9-37), obtaining a device description mapped to an individual description of the desired person corresponding to the selected specific individual symbol out of mapping information (e.g., server have a map of all available printers along with the status of each printer for the user preferences, such as busy or paper out which can be updated in a timely manner, col. 6, lines 65-67), which is provided in advance and regards mapping of a plurality of individual descriptions to device descriptions expressing said plurality of devices present on the network and causing at least one of the obtained device description and a device symbol representing a device expressed by the obtained device description to be displayed on the screen of said display unit (e.g., server provide

Art Unit: 2126

information on printers related to the user preferences, such as busy or paper out which is updated in a timely manner, col. 6, lines 65-67 ),

said specific computer program causing the computer to attain the functions of: causing individual symbols corresponding to individuals and device symbols corresponding to devices to be displayed on the screen of said display unit when an instruction is given externally to the computer to map a desired device symbol among the device symbols displayed on the screen to a specific individual symbol corresponding to the desired person (e.g., preferences from a user regarding the print job such as image quality, col. 2, lines 8-15, and an individual user profile containing what types of print jobs the user is most likely to request is stored in the database of the server, col. 7, lines 9-37), obtaining a device description mapped to an individual description of the desired person corresponding to the mapped specific individual symbol out of mapping information (e.g., server store and update databases cataloging the capability of printers on the network and keep the status of printers on the network, col. 2, lines 22-28), which is provided in advance and regards mapping of a plurality of individual descriptions to device descriptions expressing said plurality of devices present on the network and causing at least one of the obtained device description and a device symbol representing a device expressed by the obtained device description to be displayed on the screen of said display unit (e.g., preferences from a user regarding the print job such as image quality, col. 2, lines 8-15, and an individual user profile containing what types of print jobs the user is most likely to request is stored in the database of the server, col. 7, lines 9-37).

Art Unit: 2126

8. As per claims 4-5 and 12-14, Yacoub teaches the following:

said control unit (e.g., client station, figure 5), in the case where a device represented by the first device symbol keeps data (e.g., a virtual printer, col. 2, lines 5-29), causes data symbols representing respective data kept in the device to be displayed in a specific area on the screen of said display unit (e.g., display of an individual profile at the client station, col. 7, lines 9-37), which is different from an area in which at least one of the obtained device description and the corresponding second device symbol is displayed (e.g., display of an individual profile at the client station, col. 7, lines 9-37),

the mapping information includes individual positions-related information with regard to mapping of positions related to individuals to the individual descriptions and device positions-related information with regard to mapping of positions related to devices to the device descriptions (e.g., display of an individual profile at the client station, col. 7, lines 9-37), and said control unit specifies a position mapped to the specific individual description from the individual positions-related information (e.g., preferences from a user regarding the print job such as image quality, col. 2, lines 8-15, and an individual user profile containing what types of print jobs the user is most likely to request is stored in the database of the server, col. 7, lines 9-37), reads a device description mapped to the specified position out of the device positions-related information (e.g., preferences from a user regarding the print job such as image quality, col. 2, lines 8-15, and an individual user profile containing what types of print jobs the user is most likely to request is stored in the database of the server, col. 7, lines 9-37), and obtains the read-out device description as the device description mapped to the specific

Art Unit: 2126

individual description (e.g., when the server selects a different printer, the server uses the same stored preferences that the user or client selected at his station for the print job relating to quality, speed etc., col. 7, lines 9-37).

***Conclusion***

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

See Form PTO-892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Haresh Patel whose telephone number is (703) 605-5234. The examiner can normally be reached on Monday-Friday from 8:00 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee, can be reached at (703) 305-8498.

The appropriate fax phone number for the organization where this application or proceeding is assigned is (703) 306-5404.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Haresh Patel

July 7, 2003.



**JOHN FOLLANSBEE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100**